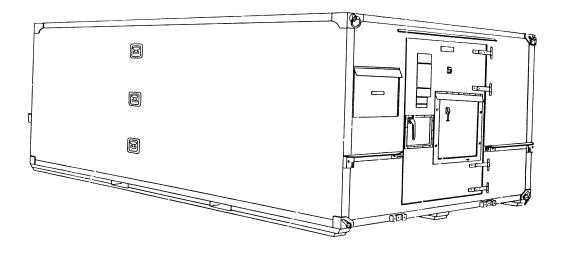
AN/ASM-147C



SYSTEM IDENTIFIERS											
NOMENCLATURE:	Electronic Shop Shelter Mounted Avionics										
SSN:	K71600										
LIN:	H01912										
NSN:	4940-00-435-7765										
AMIM NO:											
EIC:	JFE										
FUEL TYPE:											

SYSTEM DESCRIPTION

The AN/ASM-147C is an air or vehicular-transportable field maintenance shop. It provides mobile facilities for direct support bench testing, troubleshooting, alignment, and repair of airborne and ground electronic equipment and their components.

The list below identifies components associated with the weapon/materiel system.

AN/ASM-1	47C
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LIN	NSN	NOMENCLATURE
H01912	4940-00-912-3532	ELECTRONIC SHOP SHELTER MOUNTED

SYSTEM VARIANTS

MDS	LIN	NSN
AN/ASM-147	H01912	4940-01-244-4277

This summary provides an overview of FY 95 Total Army operating and support costs and other information for the weapon system. Average cost per system is displayed so the data can be used in performing analytical and cost studies. Average costs are calculated using the end item's density. NET REPARABLES represent the cost with the Major Subordinate Command (MSC) specific credit rates applied (detailed in Section 1 - Overview).

AN/ASM-147C FY 95 TOTAL ARMY COST SUMMARY (FY 95 Constant Dollars)

292

DENSI	ΓY
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NUMBER OF SYSTEMS

DEPOT END ITEM MAINTENANCE (5.061)

OMA TOTAL \$0
QUANTITY COMPLETED 0
AVG COST/END ITEM \$0.00

PROC (MODIFICATIONS) \$0

CLASS III-POL (5.05)

NOT APPLICABLE

DEPOT SECONDARY ITEM MAINTENANCE

DBOF TOTAL \$0
QUANTITY COMPLETED 0
AVG COST/SECONDARY ITEM \$0.00

CLASS V-AMMUNITION (2.11)

NOT APPLICABLE

INTERMEDIATE MAINTENANCE

 MIL/CIV LABOR COST
 \$1,477
 \$0

 AVG COST/SYSTEM
 \$5.06
 \$0.00

 MAINTENANCE MANHOURS
 87
 0

 MMHs/SYSTEM
 0.30
 0.00

CLASS IX MATERIEL-PARTS (5.04/5.03)

 FY 95
 AVG COST

 DOLLARS
 PER SYSTEM

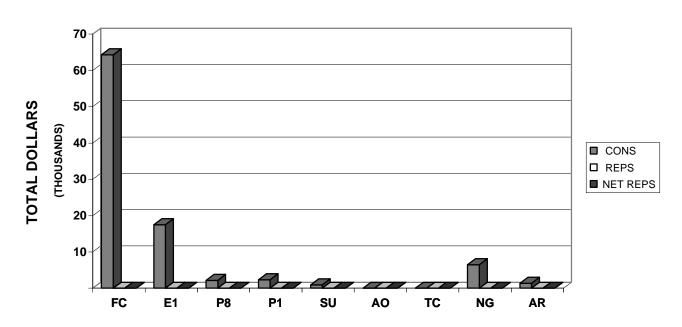
 CONSUMABLES
 \$95,187
 \$325.98

 NET REPARABLES
 \$0
 \$0.00

 NET TOTAL COSTS
 \$95,187
 \$325.98

The following graph and table display FY 95 Class IX costs for consumables (CONS), reparables, (REPS), and net reparables (NET REPS) by MACOM. CONS and REPS are the total costs of requisitions recorded in the Logistic Intelligence File (LIF). NET REPS are the cost to the customer in the field and are calculated by applying an MSC-specific credit rate at the NSN level. TOTAL ARMY (TA) costs are the summation of costs across all MACOMs in the table. NET TOTAL COSTS are the sums of the costs of CONS and NET REPS. NUMBER OF SYSTEMS is the density recorded in the Continuing Balance System - Expanded (CBS-X). AVG PER SYSTEM costs are calculated by dividing the costs in NET TOTAL COSTS by the number of systems for each MACOM.

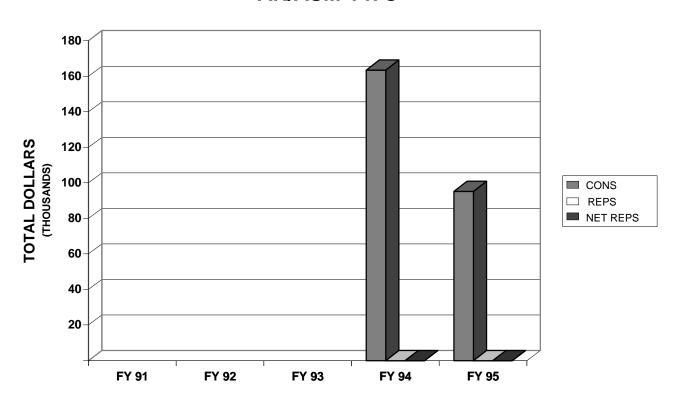
AN/ASM-147C



	AN/ASM-147C FY 95 MACOM CLASS IX COSTS													
-	MACOM NET NET TOTAL NUMBER OF AVG PER													
CODE	NAME	CONS	REPS	REPS	COSTS	SYSTEMS	SYSTEMS							
FC	FORSCOM	64,301	0	0	64,301	103	624							
E1	USAREUR	17,513	0	0	17,513	36	486							
P8	EUSA	2,197	0	0	2,197	8	275							
P1	USARPAC	2,368	0	0	2,368	14	169							
SU	USARSO	959	0	0	959	3	320							
AO	USASOC	0	0	0	0	0	0							
TC	TRADOC	0	0	0	0	0	0							
NG	ARNG	6,459	0	0	6,459	75	86							
AR	USAR	1,390	0	0	1,390	53	26							
TA	TOTAL ARMY	95,187	0	0	95,187	292	326							

The following graph and table display FY 91-95 Class IX costs for consumables (CONS), reparables (REPS) and net reparables (NET REPS) by Total Army. The Total Army costs are a summation of all the MACOMs displayed on the previous page. CONS and REPS are the total costs of requisitions recorded in the Logistic Intelligence File (LIF). NET REPS are the cost to the customer in the field and are calculated by applying an MSC-specific credit rate at the NSN level. NET TOTAL COSTS are the sums of the costs of CONS and NET REPS. NUMBER OF SYSTEMS is the density recorded in the Continuing Balance System - Expanded (CBS-X). AVG PER SYSTEM costs are calculated by dividing the costs in NET TOTAL COSTS by the number of systems in the Total Army for the fiscal year. Blank rows indicate system was not tracked in the OSMIS database during that fiscal year.

AN/ASM-147C



	AN/ASM-147C FIVE YEAR TOTAL ARMY CLASS IX COSTS														
FISCAL			NET	NET	NUMBER OF	AVG PER									
YEAR	CONS	REPS	REPS	TOTAL COSTS	SYSTEMS	SYSTEMS									
FY 91															
FY 92															
FY 93															
FY 94	163,513	0	0	163,513	254	644									
FY 95	95,187	0	0	95,187	292	326									

The Total Army Class IX costs from the previous pages are broken out by Work Breakdown Structure (WBS) in the following table. The FY 95 WBS Class IX costs for consumables (CONS) and reparables (REPS) are the total cost of requisitions recorded in the Logistic Intelligence File (LIF). The NET REPS are the cost to the customer in the field and are calculated by applying an MSC-specific credit rate at the NSN level. The TOTAL costs are a summation of all the WBS elements displayed in the table. NET TOTAL COSTS are the sum of the costs in CONS and NET REPS. NUMBER OF SYSTEMS is the density recorded in the Continuing Balance System-Expanded (CBS-X). AVG PER SYSTEM costs are calculated by dividing the costs in NET TOTAL COSTS by the total number of systems in the Army.

	AN/ASM-147C FY 95 TOTAL ARMY WORK BREAKDOWN STRUCTURE COSTS													
	NET NET NUM OF AVG PER BS NAME CONS REPS REPS TOTAL COSTS SYSTEMS SYSTEM													
WBS	NAME	CONS	REPS	REPS	TOTAL COSTS	SYSTEMS	SYSTEM							
01	FRONT END (SENSOR)	0	0	0	0	0	0							
02	PROCESSING (ADPE)	65	0	0	65	292	0							
03	COMMUNICATIONS	16,707	0	0	16,707	292	57							
04	PERIPHERALS	0	0	0	0	0	0							
05	ENVIRON SUPPORT	1,315	0	0	1,315	292	5							
06	APPS SOFTWARE	0	0	0	0	0	0							
07	SYST SOFTWARE	0	0	0	0	0	0							
08	INTEG, ASSY, TEST	0	0	0	0	0	0							
09	OTHER	77,100	0	0	77,100	292	264							
	TOTAL	95,187	0	0	95,187	292	326							

The following table displays FY 91-95 Class IX costs by Work Breakdown Structure (WBS) for the Total Army. NET TOTAL COSTS are the summation for all the WBS elements displayed on the previous page and are a sum of the costs of CONS and NET REPS. NUMBER OF SYSTEMS is the density recorded in the Continuing Balance System-Expanded (CBS-X). AVG PER SYSTEM costs are calculated by dividing the costs in NET TOTAL COSTS by the total number of systems in the Army for the fiscal year. Blank columns indicate system was not tracked in the OSMIS database during that fiscal year.

	AN/ASM-147C FIVE YEAR TOTAL ARMY WORK BREAKDOWN STRUCTURE COSTS														
		FY 91	FY 92	FY 93	FY 94	FY 95									
		NET TOTAL													
WBS	NAME	COSTS	COSTS	COSTS	COSTS	COSTS									
01	FRONT END (SENSOR)				0	0									
02	PROCESSING (ADPE)				0	65									
03	COMMUNICATIONS				18,883	16,707									
04	PERIPHERALS				0	0									
05	ENVIRON SUPPORT				1,291	1,315									
06	APPS SOFTWARE				0	0									
07	SYST SOFTWARE				0	0									
80	INTEG, ASSY, TEST				0	0									
09	OTHER				143,339	77,100									
	TOTAL				163,513	95,187									
	NUM OF SYSTEMS				254	292									
	AVG PER SYSTEM				644	326									

38. 5975009473068 39. 5340001343460 40. 5910009238743

CAPACITOR, MOTOR

02C

Q2200

AN/ASM-147C **CONSUMABLES (NON-DLRs)**

3.4247

5.00

31

	`	•									FY 94-95
					FY 95 AMDF	FY 95	EXTENDED COST	AVERAGE COST PER	AVERAGE QUANTITY PER	IWO	EAR AVERAGE
NSN	NOMENCLATURE	WBS	MRC	ARI MATCAT	UNIT PRICE	QTY	(QTY * UNIT PRICE)	SYSTEM	100 SYSTEMS	QTY	EXTENDED COST
-											
1. 4940004910496	CABINET ASSEMBLY	09	Н	G21QE	1,203.00	46.80	56,300	192.81	16.0274	77.03	92,661
2. 4940009372553	CANOPY, MOVEABLE	09	0	G21QE	590.00	14.34	8,461	28.98	4.9110	11.64	6,868
3. 5975002245260	ROD GROUND MX-14	03J	Z	Q2200	24.33	333.74	8,120	27.81	114.2945	309.16	7,522
4. 6150004951214	LEAD,ELECTRICAL	09	Z	J2200	15.93	464.80	7,404	25.36	159.1781	417.98	6,658
5. 5995001347159	CABLE ASSEMBLY A	03A	F	G21RF	688.00	3.91	2,690	9.21	1.3390	2.56	1,758
6. 5935001345266	CONNECTOR,PLUG,E	03A	Z	Q22RF	165.53	6.38	1,056	3.62	2.1849	9.68	1,602
7. 6135009300030	BATTERY, NONRECH	09	Z	G22TJ	12.81	77.91	998	3.42	26.6815	127.09	1,628
8. 5915011532417	FILTER,RADIO FRE	03E	Z	Q22T2	48.50	19.94	967	3.31	6.8288	27.71	1,344
9. 6210001337533	FIXTURE,LIGHTING	09	Z	J2200	109.71	8.48	930	3.18	2.9041	5.44	597
10. 4140010229244	BLOWER ASSEMBLY	05B	F	G21QE	449.00	2.00	898	3.08	0.6849	1.00	449
11. 5975001521046	CLAMP	03J	Z	Q2200	58.66	13.50	792	2.71	4.6233	34.47	2,022
12. 6140013088412	COVER ASSEMBLY,B	09	Z	Q2200	25.97	18.28	475	1.63	6.2603	11.53	299
13. 6210009216682	WINDOW,LIGHTING	09	Z Z	J2200	5.61	84.51	474	1.62	28.9418	86.53	485
14. 6250007616330 15. 5895007526166	LAMPHOLDER	09	Z	J2200 Q22RH	24.73 25.18	19.06	471 429	1.61 1.47	6.5274 5.8288	9.53 16.72	236 421
	CASE, TELEPHONE HANDSET	03J	Z	Q22RH Q2200	25.18 47.70	17.02		1.47			393
16. 5965006699145		03A				7.02	335		2.4041	8.24	700
17. 2540008926243	LADDER, VEHICLE B NETWORK	05C 03E	Z Z	J2200 Q22RH	116.36 53.09	2.47 5.36	287 285	0.98 0.98	0.8459	6.02 4.15	220
18. 5915003925981 19. 6240001522996	LAMP.FLUORESCENT	03E 09	Z	J2200	0.93	290.09	270	0.98	1.8356 99.3459	294.86	274
20. 5805005031469	GENERATOR,RINGIN	09 03J	Z	Q22RH	50.12	4.99	250	0.92	1.7089	294.00	150
21. 5999011200934	PARTS KIT,ELECTR	03J	Z	Q22TV	11.23	20.05	225	0.77	6.8664	26.53	298
22. 5805005031145	RINGER, TELEPHONE	03J	Z	Q22RH	42.47	4.67	198	0.68	1.5993	5.11	217
23. 6250001461636	LAMPHOLDER	09	Z	J2200	34.98	5.39	189	0.65	1.8459	2.86	100
24. 4940004905644	DRAWER ASSEMBLY	09	F	G21QE	176.00	1.00	176	0.60	0.3425	0.50	88
25. 5805003928060	SHELL.TELEPHONE	03J	Z	Q22RH	53.41	2.99	160	0.55	1.0240	1.64	88
26, 5995007522566	CABLE ASY	03J	Z	Q22RH	16.21	9.07	147	0.50	3.1062	14.18	230
27. 6240006359753	LAMP.GLOW	09	Z	J2200	5.70	19.94	114	0.39	6.8288	24.75	141
28. 6250001944794	STARTER,FLUORESC	09	Z	J2200	0.84	131.76	111	0.38	45.1233	131.60	111
29. 6105001480851	MOTOR, ALTERNATIN	05A	Z	J2200	106.16	1.00	106	0.36	0.3425	1.22	130
30. 5915001168916	FILTER, RADIO FRE	03E	Z	Q2200	4.88	21.24	104	0.36	7.2740	21.32	104
31. 4940004910497	CANOPY	09	0	J2100	134.60	0.67	90	0.31	0.2295	1.07	144
32. 5999010729865	CLAMP, ELECTRICAL	03J	Z	Q2200	47.79	1.87	89	0.30	0.6404	1.02	49
33. 5935000645732	CONNECTOR RECEPT	03J	Z	G22R1	38.91	2.26	88	0.30	0.7740	7.19	280
34. 9330001071165	PLASTIC SHEET	09	Z	E2200	3.63	21.33	77	0.26	7.3048	32.34	117
35. 5340001343488	STAYROD	09	Z	T2200	11.97	6.28	75	0.26	2.1507	3.14	38
36. 5940010791375	SPLICE, CONDUCTOR	03J	Z	Q2200	10.01	7.10	71	0.24	2.4315	7.55	76
37. 5930007026431	SWITCH TOGGLE	03J	Z	Q22QE	39.00	1.72	67	0.23	0.5890	0.95	37
38. 5975009473068	PLATE,WALL,ELECT	03A	Z	Q23RF	3.37	18.47	62	0.21	6.3253	27.93	94
39. 5340001343460	STRAP,RETAINING	09	Z	T2200	15.61	4.00	62	0.21	1.3699	2.19	34
40 F040000000740	CADACITOD MOTOD	020	7	02200	6.40	10.00	60	0.24	2 42 47	E 00	24

NUMBER OF SYSTEMS	292		94,165	98.9%	TOP 40
NOTE: ROWS MAY NOT CA	LCULATE DUE TO	ROUNDING	1,022	1.1%	OTHERS
			========		
			95,187		TOTAL

6.19

10.00

62

0.21

AN/ASM-147C REPARABLES (DLRs)

EXTENDED COST (W/CREDIT) AVERAGE QUANTITY TWO YEAR AVERAGE FY 95AMDF UNIT PRICE FY 95 W/CREDIT PER PER EXTENDED COST NSN NOMENCLATURE WBS MRC ARI MATCAT W/O CREDIT W/CREDIT QTY (QTY * UNIT PRICE) SYSTEM 100 SYSTEMS QTY (W/CREDIT)										AVERAGE COST			FY 94-95
									EVIENDED COST	(W/CREDIT)	AVERAGE QUANTITY	TWO Y	'EAR AVERAGE
NSN NOMENCLATURE WBS MRC ARI MATCAT W/O CREDIT W/CREDIT QTY (QTY * UNIT PRICE) SYSTEM 100 SYSTEMS QTY (W/CREDIT)						FY 95AMDF U	JNIT PRICE		W/CREDIT	PER	PER		EXTENDED COST
		WBS	MRC	ARI	MATCAT	W/O CREDIT	W/CREDIT	QTY	(QTY * UNIT PRICE)		100 SYSTEMS		(W/CREDIT)

NO DATA NO DATA

The following table summarizes FY 95 Depot Maintenance Costs from the Master File Maintenance (MFM). Depot maintenance costs are displayed by cost elements for end item maintenance and secondary item maintenance. The OTHER cost columns represent work categories such as progressive maintenance, renovation, and fabrication/manufacture.

AN/ASM-147C FY 95 DEPOT MAINTENANCE COSTS									
COST			ITEM		5	SECONDARY IT			
ELEMENTS		MAINT	ENANCE			MAINTENANC	<u>E</u>		
	REPAIR	OVERHAUL	OTHER	MODIFICATION	REPAIR	OVERHAUL	OTHER		
CIVILIAN LABOR	0	0	0	0	0	0	0		
MILITARY LABOR	0	0	0	0	0	0	0		
MATERIEL	0	0	0	0	0	0	0		
OVERHEAD	0	0	0	0	0	0	0		
CONTRACT	0	0	0	0	0	0	0		
OTHER	0	0	0	0	0	0	0		
TOTAL	0	0	0	0	0	0	0		
QTY COMPLETED	0	0	0	0	0	0	0		
AVG COST	0	0	0	0	0	0	0		

The table below summarizes FY 95 Intermediate Maintenance Costs from the Work Order Logistics File (WOLF) data. The labor hours and labor costs for Direct Support/General Support Intermediate Maintenance (DS/GS) and Civilian Maintenance are displayed by MACOM and Total Army. MACOM DS/GS LABOR COSTS are calculated by multiplying MACOM DS/GS LABOR HOURS by the Army Manpower Cost System (AMCOS) E-5 composite standard rate (\$16.98). CIVILIAN LABOR COSTS are a summation from the source data.

AN/ASM-147C FY 95 INTERMEDIATE MAINTENANCE COSTS							
	DS/GS LABOR	DS/GS	CIVILIAN	CIVILIAN	CIVILIAN LABOR		
MACOM	HOURS	LABOR COSTS	LABOR HOURS*	LABOR COSTS [*]	COST/HOUR		
FORSCOM	10	170	0	0	0.00		
USAREUR	40	679					
EUSA	5	85					
USARPAC	0	0					
USARSO	0	0					
USASOC	0	0					
TRADOC	0	0	0	0	0.00		
ARNG	32	543					
USAR	0	0					
TOTAL ARMY	87	1,477	0	0	0.00		

^{*}TRADOC LABOR HOURS and LABOR COSTS include contractor hours and costs.

The following table summarizes FY 91-95 Depot Maintenance Costs. The depot maintenance data are recorded in MFM. FY 95 costs are a summation of the cost elements displayed on the previous page. END ITEM OVERHEAD costs were not separately identified prior to FY 92. Blank columns indicate the system was not tracked in the OSMIS database during that fiscal year.

	AN/ASM-147C FIVE YEAR DEPOT MAINTENANCE COSTS									
COST	COST END ITEM					_	CONDARY IT			
ELEMENTS		N	MAINTENANC	E			N	MAINTENANC	E	
	FY 91	FY 92	FY 93	FY 94	FY 95	FY 91	FY 92	FY 93	FY 94	FY 95
CIVILIAN LABOR				54,659	0				0	0
MILITARY LABOR				0	0				0	0
MATERIEL				7,216	0				0	0
OVERHEAD				78,678	0				0	0
CONTRACT				0	0				0	0
OTHER				2,762	0				0	0
TOTAL				143,315	0				0	0
QTY COMPLETED				4	0				0	0
AVG COST				35,829	0				0	0

The table below summarizes FY 91-95 Intermediate Maintenance Costs from WOLF. The fiscal year total costs for Direct Support/General Support Intermediate Maintenance (DS/GS) and Civilian Maintenance (CIV) are displayed by MACOM and Total Army. MACOM DS/GS labor costs are calculated by multiplying MACOM labor hours by the Army Manpower Cost System (AMCOS) E-5 composite standard rate. DS/GS COST PER HR is the E-5 composite standard rate in FY 95 constant dollars. Civilian labor costs are a summation from the source data. Blank columns indicate the system was not tracked in the OSMIS database during that fiscal year.

	AN/ASM-147C FIVE YEAR INTERMEDIATE MAINTENANCE COSTS										
	DIRECT/GENERAL SUPPORT						CIVILIAN				
	INTERMEDIATE MAINTENACE (DS/GS)					IIAM	NTENANCE ((CIV)			
MACOM	FY 91	FY 92	FY 93	FY 94	FY 95	FY 91	FY 92	FY 93	FY 94	FY 95	
FORSCOM				85	170				0	0	
USAREUR				495	679						
EUSA				0	85						
USARPAC				0	0						
USARSO				0	0						
USASOC				0	0						
TRADOC				0	0				0	0	
ARNG				17	543						
USAR				0	0						
TOTAL ARMY				597	1,477				0	0	
LABOR HRS				35	87				0	0	
COST PER HR				17.06	16.98				0.00	0.00	

The following list shows the FY 95 Secondary Item - Rebuilds/Overhauls Cost Drivers recorded in the Master File Maintenance (MFM). AVG COST TO REBUILD/OVERHAUL is calculated by dividing the costs in FY 95 TOTAL COST TO REBUILD/OVERHAUL by the FY 95 QTY COMPLETED.

FY 95 DEP	AN/ASM-147C FY 95 DEPOT SECONDARY ITEM MAINTENANCE - REBUILDS/OVERHAULS COST DRIVERS							
			FY 95					
		FY 95	TOTAL COST	FY 95	AVG COST			
		AMDF	TO REBUILD/	QTY	TO REBUILD/			
NSN	NOMENCLATURE	PRICE	OVERHAUL	COMPLETED	OVERHAUL			
		NO DATA	A					

The following list shows the FY 95 Secondary Item Maintenance - Repairs Cost Drivers recorded in Master File Maintenance (MFM). AVG COST TO REPAIR is calculated by dividing the costs in FY 95 TOTAL COST TO REPAIR by the FY 95 QTY COMPLETED.

AN/ASM-147C FY 95 DEPOT SECONDARY ITEM MAINTENANCE - REPAIRS COST DRIVERS						
		FY 95	FY 95	FY 95		
		AMDF	TOTAL COST	QTY	AVG COST	
NSN	NOMENCLATURE	PRICE	TO REPAIR	COMPLETED	TO REPAIR	
		NO DATA	\			

The following list shows the FY 91-95 Secondary Item - Rebuild/Overhaul Cost Drivers recorded in MFM. These five year Cost Drivers were revised from the previous years' report. AVG COST TO REBUILD/OVERHAUL is calculated by dividing the costs in FY 91-95 TOTAL COST TO REBUILD/OVERHAUL by the FY 91-95 QTY COMPLETED.

FIVE YEAR D	AN/ASM-147C FIVE YEAR DEPOT SECONDARY ITEM MAINTENANCE - REBUILDS/OVERHAULS COST DRIVERS							
NSN	NOMENCLATURE	FY 95 AMDF PRICE	FY 91-95 TOTAL COST TO REBUILD/ OVERHAUL	FY 91-95 QTY COMPLETED	AVG COST TO REBUILD/ OVERHAUL			
		NO DATA						

The following list shows the FY 91-95 Secondary Item - Repair Cost Drivers recorded in MFM. These five year cost drivers were revised from the previous years' report. The AVG COST TO REPAIR is calculated by dividing the costs in FY 91-95 TOTAL COST TO REPAIR by the FY 91-95 QTY COMPLETED.

FIVE	AN/ASM-147C FIVE YEAR DEPOT SECONDARY ITEM MAINTENANCE - REPAIRS COST DRIVERS						
		FY 95	FY 91-95	FY 91-95			
		AMDF	TOTAL COST	QTY	AVG COST		
NSN	NOMENCLATURE	PRICE	TO REPAIR	COMPLETED	TO REPAIR		
		NO DATA					















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